SHOCKPROOF SPINDLE

ABSTRACT OF THE DISCLOSURE

A shockproof spindle includes a spindle inserted into an elastomer, a compressible structure, and a sleeve, a hollow cylinder, sequentially. The sleeve caps the elastomer while the elastomer presses on the top of the base fixed under the spindle. The ball keeps contact the chute of the spindle and the chute of the sleeve. In addition to all of the above, the elastomer held between the base and the sleeve absorbs the impact when a tool installed on the end of the spindle is shocked against the workpiece during operation process. Since the spindle works smoothly owing to the effect of the elastomer, the operators work more easily, and the damage or destruction of assembly precision, made by the impact, of the parts in the electric tool is avoided.